NOTE BOOK

THERE IS SOMETHING BETTER IN WRITING
STUDENT BOOK, THAT'S
THE REAL CAMPUS TOUCH !

NGS I

KALIMANTAN ; MAR - MAY 1988

JOHN S. BURLEY

Fr = fruit
Fl = flower
Infl. = inflorescence.
Imm = immature

March 23, 1988

No
Date

Headwaters of Sungai Kahayan ; 5 km NE of Haruwu village, on S. Mirih ; Ridge W of Nyoohay tributary . 113° 44' E , 0° 28' S

Mature secondary forest at edge of abandoned ('ladang') (c. 25 years ago)
alt. 220 m

365 Myristicaceae

Undershrub ± 0.5 m tall , Fr. bright red. Umbrella shaped crown. Locally rare

366 NC1

367 NC1

368 NC1

369 NC1

370 NC1

371 NC1

372 Loganiaceae alt 350m.
Fagrea racemosa.

Undershrub or small tree to 3m tall.
Fl creamy-white , tube orange coloured at base , musty odour.

373 NC1

374 Rubiaceae alt 320m

NO
Date

374 (contd.)
Small tree to 5m tall., open crown
Berry orange coloured.

375 Annonaceae

Undershrub to 2m tall
Fl white.

376
Ardisia

Undershrub, berry yellowish-green.

377
Lasianthus

Undershrub, c. 1.5 m tall.; orange berry;
locally rare.

378 Melastomataceae
Medinilla.

Epiphyte; berries bright orange.

March 24, 1988.

Beside Nyoohay tributary alt 200m

379 NCI

380
Antidesma

Tree c. 8m tall, Fl. pale green
Common along river bank.

NO

Date

381 NCI

382 NCI

383 NCI

384 NCI

385 NCI

→ Lowland mixed Dipterocarp Forest.

386

Ophiorrhiza

Infl. purple.

387 NCI

388 Melastomataceae.

389 Melastomataceae

390 NCI

391 Melastomataceae

? Terrestrial herb., White markings on upper surface of leaf., Locally common, moist places

392 Myrtaceae
Eugenia.

Tree 8m tall. Fl. pink, Locally uncommon.

393

Urophyllum

Tree 5m tall, Fl. yellowish green. Common

NO
Date

394 Memecylon

Shrub to 1.5 m tall, Fr. white. Rare

395 Leguminosae

Tree c. 8 m tall; young leaves pink
Fl. red, ramiflorous.

396 NC1

March 25, 1958

Alluvial terrace E of Nyoohay tributary. alt 200 m

397 NC1

398 NC1

399 NC1

400 NC1

401 NC1

402 NC1

403 NC1

→ Secondary forest

404 Rubiaceae

Tree 5 m tall. Underside of leaves silvery, upper dark green. Fr. green. Common.

405 Gardenia alt. 220 m

NO
Date

405 (contd)
Tree 8m tall, Fr. green, Common.

408 Myristicaceae
Knema

Small tree c. 4m tall, Broom tomentum.
Fl. pink.

407
Microcos. 250m
Shrub c. 4m tall. Fl. yellow. Fr. edible.

408
Antidesma 280m

Shrub 4m tall . . Fr. pink.

409 Sapindaceae

Shrub 3m tall . Fl. pale green.

410 Zingiberaceae
Amomum.

Stem 3m tall, c. white farina (photo)
Fl. rare.

411. Ardisia.

Undershrub 1.25 m tall, Fr. pink, Rare.

412 Myristicaceae

Small tree to 10m tall. Fr. bright red.

NO
Date

→ Primary lowland forest

H13 Rubiaceae alt. 300 m
Psychotria

Understorey 1.5 m tall

H14
Cyrtandra

? Terrestrial herb. Flower dark red.

H15 Labiatae

Fr. red. common.

H16 Tacca.
Fl. purple

Mar 26, 1988

Primary lowland Forest, E of Nyoohay tributary

H17 Tiliaceae alt 475 m.
Microcos sp 1.

Tree 10m x 30 cm dbh. Bark smooth, reddish-brown, wood & yellowish-brown, heart wood & dark brown.

418 Annonaceae alt. 500 m
Polyalthia

Tree 17m & tall. Bark smooth, pale grey; wood yellowish. Rare. Crown oblong.

NO
Date

419 Lasianthus. 625 m
Undershrub 1.5 m tall., Crown terminalia type
Calyx yellowish-green. Fr. yellow, hairy.
Occasional.

420 Lasanthus 700 m
Undershrub 2 m tall., Black stem. Fr. white
fleshy berry. Occasional.

421 Ixora of barilandii ? 750 m
Shrub 4 m tall. Fl. rose coloured, Common.

422 Rubiaceae 750 m
Polyalthia
Undershrub 2.5 m tall. Cauliflorous, perianth
reddish, hairy. Fr. reddish. Rare.

423 A Rubiaceae 820 m
Shrub 7 m tall. Fr greenish. Rare.

423 B Rubiaceae 850 m
Shrub 4 m tall. Cauliflorous, Fl. white.
Rare.

424 Rubiaceae 850 m
Polyalthia
Small tree 12 m x 15 cm dbh. Cauliflorous
Calyx pink. Corolla pinkish yellow., Fruit green.
Occasional

NO

Date

425 Myristicaceae 870m
Knema
Tree 17m x 25cm dbh. Fr yellow with red aril. Occasional.

426 Fagaceae
Lithocarpus
Tree 25m x 35cm dbh.
Fr. eaten by herbivors, ? pig, honey-bear.
Occasional

427 Clusiaceae 810m
Calophyllum
Tree 30m x 45cm dbh. Occasional.

428 NCI

429 NCI

430 Icacinaceae 800m
Shrub ± 2m tall, stems 1 cm dia.
Fr. orange. Rare.

March 27, 1958

Mature secondary forest; margin of abandoned ladang.
Ridge W of Nyoshang tributary.

431 Adenia. 220m
Liana 8m high. Immature fr. green.

432 ?
Tectaria.

abundant.

NO
Date

433 NCI

434 NCI

→ Primary lowland forest.

435 NCI

436 Lauraceae

Tree 6 m till . Fl. bud glaucous green.

437 Cyperaceae 270m

438 Apostasia
Fl. bud green , common.

439 Muci
growing on dead tree trunk.

440 NCI

441 A Antrophyum
epiphytic fern

441 B Araceae

Spatha pale green
locally abundant beside rocky stream.

442 NCI

443 Asplenium 300 m
abundant.

444 NCI

#18 Euphorbia pulcherrima

#19 Euphorbia

#20 Euphorbia

F1 white

#19 Euphorbia

#19c Cyclamen

March 28, 1988

Seedlings from old tubers of Myosotis

#21 Myosotis
Evergreen
Small Tree 12m x 2-3m Wide, Diamond

#22 NCI

#23 Senecio grass
Shrub 5m tall. Fl Small, white.

#24 NCI

#25 NCI

#26

497 Zygiberaceae
Globe
Fl red and yellow, Diamond condition

498 Rubiaceae 2x0m
Many stems tall. Fl white. Common
in Jungle

499 Rubiaceae
Bush 75 cm tall, Fl white, Common undergr

500 Elaeocarpus
Tree 2x3m, 40 cm dbh, Buttr Roots
base, small fruits. Fl white. Diamond

Primary Lowland Forest.

501 Moraceae 2x0m
Ficus
Tree 15m, 100 cm dbh, Fr green Diamond

502 Moraceae Ficus sp.
Pseudosyconium Diospyros sp. Ficus
Stem 20 cm dbh, Fruit green, Primary

503 Sapotaceae

504 Sapotaceae

505 Melastomataceae
Medinilla
Epiphyte Fr yellowish green

Penny Foot

518

Explosion

519 Tuscaloosa

520 Pottsville

Limestone

521 Limestone

Pennington

Calcareous shale

Coarse-grained sandstone

Limestone

Shale

Pennington

Limestone

Shale

Pennington

Limestone

Shale

Pennington

528 ?

Tube 25 mm tall, flare yellow, Rare.

March 2 [illegible]

Beetle Spotting [illegible]

529 Chrysomela [illegible]

Tube 30 mm [illegible] Dark dark wood [illegible] Fl white with [illegible]

530 Pyrrhocoris [illegible]

Tube 15 mm tall x 20 mm [illegible]

Fl white x Fr pale green [illegible]

531 Rhabdomiris [illegible]

Chrysomela [illegible] Fl. white yellow [illegible]

532 Nic [illegible]

Pinned [illegible] Fr [illegible] brown [illegible] Mesocarp [illegible] 10 [illegible]

533 Chrysolina [illegible]

Fl pale green Fr pale [illegible]

534 Mayonnaise
Plain yg.

Chicken Sm Tall FT white, FT green (some)

545 Enchilada

Pork, corn plain FT pork

546 Apple ~~Pie~~

~~Turkey~~ Eggs Mayonnaise Turkey, Stuffing (from
Plain bread

550 Pot Pie or

Chicken Sm tall FT ground white
Mushroom for green Commercial

560 Potpie pie 2

Chicken Sm Tall FT white, Commercial

568 Spaghetti

Tomato w/ Meatballs

570 Rotisserie

Chicken Sm tall, Turkey pale white
FT (mixed) green Locally roast

580 Rotisserie pie

Chicken Sm Tall FT pale green, Commercial

541 Metamorphics

Shrub ... tall ... dark brown ...

542 Mauvenge

Not ... middle ... Fi ...
Inside ... Green

April 1 1953

Ridge ... Nyerkog ...
Primary ... Trail

543 Mallotus ...

Small ... tall ... green

544 Polygonum ...

Tree ... tall ... Ex ... red

545 (Polygonum) ...

546 ...

547 ...

548 ...

549 Mauvenge

Shrub ... tall ... Fr ... green

550 Lasiosiphon ... 500m

Shrub ... tall ... Fr ... green

553 Fagaceae
Lithocarpus

Tree 35m x 75cm dbh. F: blush green.

[illegible] 2, 1963

River bank E. S. [illegible] nr. Haruna.

551 Ericaceae 1950m
Diospyros

Tree 5m x 12cm dbh. F: (minute) green, [illegible]

552 [illegible]

Tree 4m tall. Fruit: yellow, [illegible]

553 N.A.

554 Zingiberaceae
Alpinia

Fl: cream on dark red, yellow in centre.

555 Bombacaceae
Durio.

Tree 10m x 15cm dbh. Fl: K green C orange
A reddish orange

556 N.A.

557 Rubiaceae

Tree 8m x 20cm dbh. Fr: [illegible] green, [illegible]

558 NCI

559 Fabriana

Undershrub to 1 m high. Fr orange-buff
Leaves glab. Corolla

560 Fabriana
Fl cream
Robust shrub, Fruit orange, ? Epiphytic

561 Fabriana
Robust shrub. Fr green

562 Fabriana like 564.

563 Fabriana
Spathe green Fr pendulous, reddish

564 Fabriana
Stem glab, fruit green.

565 —

566 Fabriana
Fr dark green with silvery markings

~~567~~ Appr. 3 1983
Phot Kew banks

567 Fuchsia denticulata
Robust epiphyte, 2m tall, in Dacrycarpus

562 Pleroma

Isolat 2m. - 4m dbh in open place

563 NC1

570 Elaeocarpaceae
Elaeocarpus

Tree 17 m x 15 cm dbh. Fr dark red, round.

571 Dacrydium cupressinum.

Fl. creamy white. Fr pale green. Cones in bunches.

572 Syzygium polyanthum

Tree 8m x 13 cm dbh. Small white.

573 Sapotaceae

Understorey 1.5 m tall. Fl. white

574 Pisonia brunoniana

Understorey 1.5 m tall, sprawling. Fl. purple

575 NC1

576 Proteaceae

Bushy sapl. Fl. white

577 Prumnopitys

Fl. purple with yellow anthers on tip.

548 NC1

April 4, 1983 2.572 m.

Old Indang in Hamra community

549 NC1

550 Convallaria

Fl. yellow, common in damp shady places

581 Monocots
Trees
Shrub 4m tall, stem 5 cm dia. Infl. rhizifloras, 1.5 m long, bright red.
Common in damp open places

582 Rubiaceae
Uncaria sp 1
Robust liana, 5m high, stem 1.5 cm dia.
Fl.

583 NC1

584 Antidesma.
Shrub 4m tall, stem 5 cm dia. Fr.

585 ? Pteridospermaceae
Liana 5m high; stem 1 cm dia. Fruit orange turning bright red., sour taste. Uncommon in open places

586 Menispermaceae

Liana 8m high, Stem 4cm diam. Ins glaucous
Fr. dark when ripe berry.

587 NSC

588 Baccaurea Concerlata

Small tree 6m × 10cm dbh. Rhytidome
Fl. clusters pink Fr. when ripe with
when ripe, sour tasting

589 Urticaceae

Treelet 5m, 10cm dbh, sparingly branched
fls. greenish, fragrant. Common, in shade.

590. Phyllanthus.

Tree 15m × 30cm dbh. Fr. green, astringent taste

591 Scrophulariaceae.

Undersides of leaves reddish green

592 NCI

593 Brucea

Shrub 2m × 1cm dbh stem, Par crowding
Fr (mm) green berry.
(Cultivated)

April 5, 1988 Ida.

594 NC1

595 NC1

596 Alocasia

Spatha red-purple near spec. Scattered.

597 Aglaonema

Spatha pale green, Common.

598 Plagiostachys (sp 1)

Tufted stems to 2.5 m. Infl branching 0.5 - 1 m from ground. Fr red.

599 Plagiostachys (sp 2)

Tufted stems to 2.5 m. Infl branching 1 - 1.5 m from ground. Fr bright green

600 NC1

601 NC1

602 Bromheadia

Mixed with Eleutheranthera in open plants

603 Habenaria

Tuber 5 cm x 5 cm deep. Fl. yellowish green, fragrant. Fr red. Rare in old secondary growth.

604 Araceae

Stem a leaf / petiole base reddish, yellow green
Common.

605 Orchidaceae

Rare. Terrestrial in moist shady places

606 NC1

607 Melastomataceae

Epiphyte shrub to 3 m tall Fl. red.
F. pale green

608 ? Homalomena

Petiole & stem red.

609 NC1

April 6, 1958 - Yoke.

610 NC1

611 NC1

~~612~~ ~~NC1~~

April 7, 1958

Primary forest E of Abyeheng Industry

612 NC1 200 m

613 Acanthaceae
Herb 0.7 m tall Fl. Capsule purple.
Moist shady place

614 NCI

615 Anthocephalus cadamba

Tree 7m x 4 cm dbh Common, secondary forest

April 8, 1982

Leaves ovate, secondary scale forest.

616 NCI 200 m.

617 NCI

618 Pithecellobium dulce

Tree 15 m x 10 cm dbh, Fr. bright red pod; seed brown.

~~619~~ Ppi' 9, 1982. tube

619 Rubiaceae

Fl. pale green.

620 Antidesma

Tree 6m x 3cm dbh Fr. (immat.) pale green.
Rare

621 Theaceae

Understory 2m tall, sta. 1.5 m diam. Fl (buds) pale yellow Fr. green with purple markings, immat.

621 ~~Connar.~~ Tabernaemontana.
Undershrub 1.5 m tall, stem 1 cm dia
Fr. orange.

622 Connar. ? NCI

623 Didymodoxa.
Herb 20 cm tall. Underside Fr. purple
Fl cream white. Rare

624 ? Alangium
Undershrub 2m; stem 15 cm dia. Fl. pale green.
Uncommon.

625 Smilacina.
Fr. brownish green with silvery mistrib. Fl. pink.
~~A~~ open.

626 Trichomanes.
Aprnl. ID, 1888 - idem

627 Vitaceae
Climber 10 m high. Fl greenish white
Fr. reddish.

628 Debregesia.
Shrub / tree 6 7m tall. Underside of leaves
greyish. Fl. green. Common.

629 Pytocrene.
Climber 10 m high. Occasional.

630 Lauraceae
? Litsea.
Shrub 6m tall × 5 cm dia stem. Young
twigs reddish. Fl (immature) green. Occasional

631 Taxaceae of Dacrycarpus.
Tree 20 m × 2.3 cm dbh.
Fl. yellow. Fr. green, Occasional

632 [Pteridium] NDL
Shrub 3m tall × 4 cm dia stem.
Fl. whitish; Fr. red, Occasional

633 Gymnosperm
Shrub 2m tall × 1 cm dia stem
Fl. yellowish green Occasional

634 Rubiaceae
Small shrubs to 1 m tall. Fr. blue

635 Pandanus
Grows in secondary forest floor.

636 Selaginella.

637 Rhizomorpha

638 Bignoniaceae
Herb to 10 cm tall, stem purple. Fl. orange white
Uncommon.

639 ? Fern epiphytic on tree trunk, Common

640 Selaginella

On tree trunks c. 15 m above ground

641 NC1

642 Ficus

Tree 15 m x 17 cm dbh.
Fr. green

643 Begonia.

Terr. Herb ± 25 cm tall. Fl. white.

644 Lauraceae.

Shrub to 1.5 m tall x 1 cm diam stem
Fr green

645 Lindernia.

Weedy. Herb ± 1m diameter clumps. Fl. purplish white

646 ?

Herb 25 cm tall, Fl. white with strong pepper-like smell. Cultivated.

April 14., 1983

Tumbangmiri village. Orchard area

647 ?

Small tree to 4m tall x 7 cm dbh
InFl. yellowish, corolla white, fragrant

648 Mangifera

Tree 10 m x 30 cm

Fr. c. 20 cm diam. fibrous, mesocarp white, sweet, edible.

649 Willughbeia.

Robust liana 20 cm diam x ? cm diam.
Fl. creamy white

Timbangsum, 14 km N of Tembagapura

Secondary forest / cult. around logging camp.

650 NC1

651 NC1

652. Rhamnaceae

Shrub 3m tall x 4 cm dbh. Underside of two silvery. Fl. white

653 Paederia foetida

Scandent vine 5 m long

654 Euphorbiaceae.

Shrub 5m long x 1 cm diam. Fl. greenish-white.
Fr. drill greenish-yellow.

655 NC1

656 Miconia

Rubiaceae 4 m x 1 cm. Fl bright red.

657 NCI

658 Ageratum ? Fr. narrow.

Shrub 6 m high x 1 cm dia. Fr. bright red.

659 NCI

660 Sarcothera

Shrub 4 m tall.
Fr. dark purple, sour tasting.

Apr. 15 1958

Idem

661 NCI

662 Rhamnaceae.

Shrub 2.5 m x 1 cm dia stem Fl. greenish-white. Fr. blackish-black.

663 Eugenia.

Small tree 5 m x 15 cm dbh.
Fl. (bud) pinkish-green.

664 Guarea jamaica

665 NCI

666 (Phanera) NCI

Scandent vine, 3 m high. Fl white

667 Phanera (=dem 665)

Scandent vine.

~~668~~

668 Pentaspadon zolanica

669 Harpullia

Treelet 5 m x 5 cm dbh., sparingly branched
Fr. orange

670 Flacourtia rukam

Treelet 8m x 12 cm dbh., Stem covered
in spines. Fr. (1mm.) green.

671 Urophyllum

Treelet 5 m x 5 cm dbh. Fl. purple
? orange.

April 17, 1958

Sikatan Wana Raya Logging concession, c. 50 km NW
of Tumbangmiri; Recently logged (1957/58)
primary lowland forest. on red latosol. alt c. 150m.

672. Rubiaceae

Treelet 3m x 5 cm dbh. Fr. orange, Rare.

673 Rosaceae

Shrub 2.5 m x 2 cm dia stem. Rare.

674 ? Gymnacranthera

Tree 9 m × 15 cm dbh. Fr dull yellowish green

675 Bhesa paniculata

Tree 30 m × 35 cm. dbh. Fl. yellowish-green, fragrant.

676. Piper.

Scandent vine 7 m high × 1 cm dia Infl. green.

677 Begonia.

Herb to 1m. Fl. pink.

678 Fmema

Tree 9m × 15 cm dbh. Fr. yellowish-brown.

679 Begonia.

Herb to 40 cm tall. Fl. white. Rare.

650 NCI

681 Pinanga.

1,5 m tall. Fr.

682 Palmae

1 m tall. Fr pink

683 (Acryptaria) NC1.

1.5 m tall.

684 Drochidia.

685 Archonia

Shrub. 3 m × 2 cm dia stem. Fr. (imm.) pale pink. Fl. white.

April 18, 1958.

686 (Flacourtiaceae.) NC1

Tree 30 m × 20 cm dbh. Lvs glaucous on underside. Fr ? eaten by ~~mon~~ primates.

687 Urophyllum.

Tree 15 m × 15 cm dbh. Fl. greenish-white. Fr orange.

688 NC1

689 NC1

690 Rinorea.

Shrub 2m × 2 cm dia stem. Fl.

691 Palagium

Shrub 2.5 m × 3 cm dia stem Fl. (bud) pinkish

692 NC1

693 Polyalthia glauca (cf #)

Tree 15 m × 12 cm dbh. Fr. red.

694 Fimena.

Shrub 2m × 3 cm dia stem Fr. orange.

695. Ficus.

Shrub 3m × 4 cm dia stem. Fr white.

696 Dendrobium.

Epiphytic orchid. Fl. white.

697. Orchidaceae

Epiphytic - Fl. white.

698 Orchidaceae

Fr. greenish white. Epiphytic in shade, Rare

699 ? Cytocalyx.

Tree 8m tall × 12 cm dbh. Fl. white
Fr. dull green.

700 Memecylon.

Tree 7m × 9 cm dbh Fr. purplish green.

701 ? Apocosa

Tree 10 m x 15 cm dbh Fl. yellow

→ April 19, 1988 — idem — ←

702 UCI

703 Clusiaceae c. 150 m
Garcinia

Small tree, 7 m x 5 cm dbh. Fr. red.

704 Rubiaceae
Mauritia.

Tree 17 m x 15 cm dbh. Fr. yellowish ~~grey~~.
Locally uncommon.

705 Euphorbiaceae.

Shrub 3m tall, stem 3.5 cm dia.
Fl yellow. Fr. red. Under-side leaves
pale grey, Locally uncommon.

706 E
rialatus

Small tree 9m x 10 cm, Fl yellowish
Occasional.

707 NCI

708 NCI

709 Rubiaceae
Vine ~~Lianas~~ 2.5 m high. Fl. white, Fr. pale green
Occasional

NO
Date

710. Ebenaceae
Diospyros

Small tree 8 m x 9 cm dbh. Fl. creamy-yellow. Bark dark, blackish. Frequent; ~~in~~ clumped distribution

711 Bertiera

Shrub 2m tall. Fr. dark-red. Flower (imm) dark red, rare.

712 Connaraceae
Connarus

Climber 20 m high. Fl. off-white. Occasional.

713 Araceae
Schefflera

Epiphytic. Fl white, fr. green. Rare.

714 NCI

715 Hydnocarpus

Small tree 20 m x 17 cm dbh Fl.: calyx green, corolla pale yellow. Occasional

716 Rubiaceae
Ixora

Shrub 4m tall x 3 cm dia stem. Fl. pinkish-red. Occasional

NO
Date

717 Aglaia

Shrub 2 m tall × 2 cm dia stem. Fr yellowish. Rare

718 Rubiaceae

Psychotria

Shrub 2m tall × 2cm dia stem. Fr. yellow. Occasional

719 Phomatocalpha

Epiphyte 8m high. Occasional

720 cf. Sarcochilus

Epiphyte at 10 m above ground
Fl. brownish-yellow. Common.
April 20. -idem

721 Myristicaceae

Knema sp.

Tree 15 m × 10 cm dbh. Fl. brownish
Underside of leaves pale-brown. Occasional

722 Rubiaceae

Fr. (1mm) greenish

723 Pternandra

Shrub 6m tall × 5cm dia stem.

contd.

NO

Date

株式会社ツアハヤサツテイ

Disneyland

BOOK